

COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

(Includes Reference to PCT International Applications)

ATTORNEY DOCKET NUMBER

92032

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

KEY MOVER

the specification of which (check only one item below):

☐ is attached hereto.

☒ was filed as United States application

Serial No. 07/990,854

on December 11, 1992

and was amended

on (if applicable)

☐ was filed as PCT international application

Number

on

and was amended under PCT Article 19

on (if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby authorize the U.S. attorney or agent named herein to accept and follow instructions from

as to any action taken in the Patent and Trademark Office regarding this application without direct communication between the U.S. attorney or agent and the undersigned. In the event of a change in the persons from whom instructions may be taken, the U.S. attorney or agent named herein will be so notified by the undersigned.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

PRIOR FOREIGN/PCT APPLICATION(S) AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. 119

COUNTRY (if PCT, indicate "PCT")	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 35 USC 119	
			<input type="checkbox"/> YES	<input type="checkbox"/> NO
			<input type="checkbox"/> YES	<input type="checkbox"/> NO
			<input type="checkbox"/> YES	<input type="checkbox"/> NO
			<input type="checkbox"/> YES	<input type="checkbox"/> NO
			<input type="checkbox"/> YES	<input type="checkbox"/> NO

Combined Declaration For Patent Application and Power of Attorney (Continued)

ATTORNEY DOCKET NUMBER

92032

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application:

PRIOR U.S APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS DESIGNATING THE U.S. BENEFIT UNDER 35 U.S.C. 120

U.S. APPLICATIONS		STATUS (Check one)		
U.S. APPLICATION NUMBER	U.S. FILING DATE	PATENTED	PENDING	ABANDONED
07/913,523	July 14, 1992		X	
07/586,957	September 24, 1990		X	
127,999	December 2, 1987	X		
PCT APPLICATIONS DESIGNATING THE U.S.				
PCT APPLICATION NUMBER	PCT FILING DATE	U.S. SERIAL NUMBERS ASSIGNED (if any)		

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (List name and registration number)

Thomas R. Vigil, Reg. No. 24,542
Gary J. Cunningham, Reg. No. 33,488

James P. Hanrath, Reg. No 31,965
Charles W. Ryan, Reg. No. 28,110

Send Correspondence to:

Vigil & Hanrath
836 South Northwest Highway
Barrington, Illinois 60010

Direct Telephone Calls to:
(name and telephone number)

(708) 382-6500

201	FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
		Darbee	Paul	V.
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
		Santa Ana	California	U.S.A.
202	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE & ZIP CODE/COUNTRY
		9852 Brentwood	Santa Ana	CA 92705 U.S.A.
	FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
		DuPerault	Don	G.
203	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
		Chino	California	U.S.A.
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE & ZIP CODE/COUNTRY
		5444 Choctaw	Chino	CA 91710 U.S.A.
203	FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
		Luo	Qiuju	
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
		Orange	California	China
203	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE & ZIP CODE/COUNTRY
		8440 E. Hillsdale Dr.	Orange	CA 92669

I hereby declare under penalty of perjury under the laws of the United States of America that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 201	SIGNATURE OF INVENTOR 202	SIGNATURE OF INVENTOR 203
<i>Paul Darbee</i>	<i>Don DuPerault</i>	<i>Qiuju Luo</i>
DATE	DATE	DATE
12-14-92	12-14-92	12-14-92

Combined Declaration For Patent Application and Power of Attorney (Continued)

(Includes Reference to PCT International Application)

ATTORNEY DOCKET NUMBER

92032 (continued)

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application:

PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS DESIGNATING THE U.S. BENEFIT UNDER 35 U.S.C. 120

U.S. APPLICATIONS		STATUS (Check one)		
U.S. APPLICATION NUMBER	U.S. FILING DATE	PATENTED	PENDING	ABANDONED
109,336	October 14, 1987			X
PCT APPLICATIONS DESIGNATING THE U.S.				
PCT APPLICATION NUMBER	PCT FILING DATE	U.S. SERIAL NUMBERS ASSIGNED (if any)		

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (List name and registration number)

Thomas R. Vigil, Reg. No. 24,542
Gary J. Cunningham, Reg. No. 33,488

James P. Hanrath, Reg. No 31,965
Charles W. Ryan, Reg. No. 28,110

Send Correspondence to:

Vigil & Hanrath
836 South Northwest Highway
Barrington, Illinois 60010

Direct Telephone Calls to:
(name and telephone number)

(708) 382-6500

FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
	Nguyen	Kimthoa	T.
RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	Yorba Linda	California	U.S.A.
STATE & ZIP CODE/COUNTRY			

CALIFORNIA

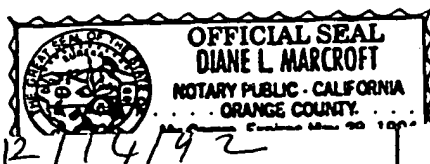
STATE OF CALIFORNIA)
COUNTY OF ORANGE)

ss.

On December 14, 1992, before me the undersigned, a Notary Public for the State of California, personally appeared Paul DARBEE, QUUO LUU, Kimthoa Nguyen, Donald Gene Duperault, proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument, and acknowledged that he executed it.

WITNESS my hand and official seal.

Diane L Marcroft
Notary Public



Applicant or Patentee: Paul V. Darbee et al. Attorney's
 Serial or Patent No.: 07/990,854 Docket No.: 92032
 Filed or Issued: December 11, 1992
 For: KEY MOVER

VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY
 STATUS (37 CFR 1.9 (f) and 1.27 (c)) INDEPENDENT INVENTOR

As a below named inventor, I hereby declare that I qualify as an independent inventor as defined in 37 CFR 1.9 (c) for purposes of paying reduced fees under Section 41 (a) and (b) of Title 35, United States Code, to the Patent and Trademark Office with regard to the invention entitled:
KEY MOVER

☐ the specification filed herewith
☒ application serial no. 07/990,854, filed December 11, 1992
☐ patent no. _____, issued _____

I have not assigned, granted, conveyed or licensed and am under no obligation under contract or law to assign, grant, convey or license, any rights in the invention to any person who could not be classified as an independent inventor under 37 CFR 1.9 (c) if that person had made the invention, or to any concern which would not qualify as a small business concern under 37 CFR 1.9 (d) or a nonprofit organization under 37 CFR 1.9 (e).

Each person, concern or organization to which I have assigned, granted, conveyed, or licensed or am under an obligation under contract or law to assign, grant, convey, or license any rights in the invention is listed below:

☐ no such person, concern or organization
☒ persons, concerns or organizations listed below*

*NOTE: Separate verified statements are required from each named person, concern or organization having rights to the invention averring to their status as small entities. (37 CFR 1.27).

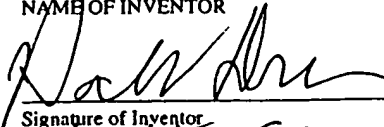
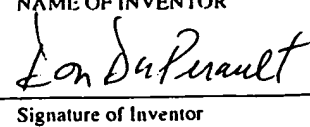
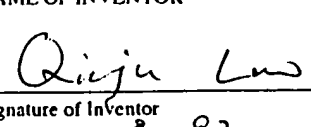
FULL NAME Universal Electronics Inc.
 ADDRESS 1920 Enterprise Parkway, Twinsburg, OH 44087
☐ INDIVIDUAL ☒ SMALL BUSINESS CONCERN ☐ NONPROFIT ORGANIZATION

FULL NAME _____
 ADDRESS _____
☐ INDIVIDUAL ☐ SMALL BUSINESS CONCERN ☐ NONPROFIT ORGANIZATION

FULL NAME _____
 ADDRESS _____
☐ INDIVIDUAL ☐ SMALL BUSINESS CONCERN ☐ NONPROFIT ORGANIZATION

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28 (b)).

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

<u>Paul V. Darbee</u>	<u>Don G. DuPerault</u>	<u>Quiju Luo</u> <u>QIUJU LUO</u>
NAME OF INVENTOR	NAME OF INVENTOR	NAME OF INVENTOR
		
Signature of Inventor	Signature of Inventor	Signature of Inventor
<u>1-18-93</u>	<u>1-18-93</u>	<u>1-18-93</u>
Date	Date	Date

Applicant or Patentee: Paul V. Darbee et al. Attorney's
 Serial or Patent No.: 07/990,854 Docket No.: 92032
 Filed or Issued: December 11, 1992
 For: KEY MOVER

VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY
 STATUS (37 CFR 1.9 (f) and 1.27 (c)) INDEPENDENT INVENTOR

As a below named inventor, I hereby declare that I qualify as an independent inventor as defined in 37 CFR 1.9 (c) for purposes of paying reduced fees under Section 41 (a) and (b) of Title 35, United States Code, to the Patent and Trademark Office with regard to the invention entitled:

KEY MOVER

- ☐ the specification filed herewith
☒ application serial no. 07/990,854, filed December 11, 1992
☐ patent no. _____, issued _____

I have not assigned, granted, conveyed or licensed and am under no obligation under contract or law to assign, grant, convey or license, any rights in the invention to any person who could not be classified as an independent inventor under 37 CFR 1.9 (c) if that person had made the invention, or to any concern which would not qualify as a small business concern under 37 CFR 1.9 (d) or a nonprofit organization under 37 CFR 1.9 (e).

Each person, concern or organization to which I have assigned, granted, conveyed, or licensed or am under an obligation under contract or law to assign, grant, convey, or license any rights in the invention is listed below:

- ☐ no such person, concern or organization
☒ persons, concerns or organizations listed below*

*NOTE: Separate verified statements are required from each named person, concern or organization having rights to the invention averring to their status as small entities. (37 CFR 1.27).


FULL NAME Universal Electronics Inc.
 ADDRESS 1920 Enterprise Parkway, Twinsburg, OH 44087
☐ INDIVIDUAL ☒ SMALL BUSINESS CONCERN ☐ NONPROFIT ORGANIZATION

FULL NAME _____
 ADDRESS _____
☐ INDIVIDUAL ☐ SMALL BUSINESS CONCERN ☐ NONPROFIT ORGANIZATION

FULL NAME _____
 ADDRESS _____
☐ INDIVIDUAL ☐ SMALL BUSINESS CONCERN ☐ NONPROFIT ORGANIZATION

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28 (b)).

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

<u>Kimthoa Nguyen</u>		
NAME OF INVENTOR	NAME OF INVENTOR	NAME OF INVENTOR
		
Signature of Inventor	Signature of Inventor	Signature of Inventor
<u>01/18/93</u>		
Date	Date	Date

Applicant or Patentee: Paul V. Darbee et al. Attorney's
Serial or Patent No.: 07/990,854 Docket No.: 92032
Filed or Issued: December 11, 1992
For: KEY MOVER

VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY
STATUS (37 CFR 1.9 (f) and 1.27 (c)) SMALL BUSINESS CONCERN

I hereby declare that I am

- ☐ the owner of the small business concern identified below:
☒ an official of the small business concern empowered to act on behalf of the concern identified below:

NAME OF CONCERN Universal Electronics Inc.
ADDRESS OF CONCERN 1920 Enterprise Parkway
Twinsburg, OH 44087

I hereby declare that the above identified small business concern qualifies as a small business concern as defined in 13 CFR 121.3-18, and reproduced in 37 CFR 1.9 (d), for purposes of paying reduced fees under Section 41(a) and (b) of Title 35, United States Code, in that the number of employees of the concern, including those of its affiliates, does not exceed 500 persons. For purposes of this statement, (1) the number of employees of the business concern is the average over the previous fiscal year of the concern of the persons employed on a full-time, part-time or temporary basis during each of the pay periods of the fiscal year, and (2) concerns are affiliates of each other when either, directly or indirectly, one concern controls or has the power to control the other, or third party or parties controls or has the power to control both.

I hereby declare that rights under contract or law have been conveyed to and remain with the small business concern identified above with regard to the invention, entitled KEY MOVER

(by inventor(s))

described in

- ☐ the specification filed herewith
☒ application serial no. 07/990,854 filed December 11, 1992
☐ patent no. _____ issued _____

If the rights held by the above identified small business concern are not exclusive, each individual, concern or organization having rights to the invention is listed below* and no rights to the invention are held by any person, other than the inventor, who could not qualify as a small business concern under 37 CFR 1.9 (d) or by any concern which would not qualify as a small business concern under 37 CFR 1.9 (d) or a nonprofit organization under 37 CFR 1.9 (e).

*NOTE: Separate verified statements are required from each named person, concern or organization having rights to the invention averring to their status as small entities. (37 CFR 1.27).

NAME _____
ADDRESS _____
☐ INDIVIDUAL ☐ SMALL BUSINESS CONCERN ☐ NONPROFIT ORGANIZATION

NAME _____
ADDRESS _____
☐ INDIVIDUAL ☐ SMALL BUSINESS CONCERN ☐ NONPROFIT ORGANIZATION

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28 (b)).

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

NAME OF PERSON SIGNING Thomas C. Tyler
TITLE OF PERSON OTHER THAN OWNER President
ADDRESS OF PERSON SIGNING 1920 Enterprise Parkway
Twinsburg, OH 44087

SIGNATURE [Signature]

DATE 11/13/92



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

DATE: 03/23/93
TO:
THOMAS R. VIGIL
VIGIL & HANRATH
836 SOUTH NORTHWEST HIGHWAY
BARRINGTON, IL 60610

JC549 U.S. PTO
09/408729
09/29/99

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT BRANCH OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE U.S. PATENT AND TRADEMARK OFFICE ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT ASSIGNMENT PROCESSING SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT BRANCH, NORTH TOWER BUILDING, SUITE 10C35, WASHINGTON, D.C. 20231

ASSIGNOR:
DARBEE, PAUL V.

DOC DATE: 01/18/93

ASSIGNOR:
DUPERAULT, DON G.

DOC DATE: 01/18/93

RECORDATION DATE: 02/16/93 NUMBER OF PAGES 002 REEL/FRAME 6423/0204

DIGEST :ASSIGNMENT OF ASSIGNORS INTEREST

ASSIGNEE:
UNIVERSAL ELECTRONICS INC.
1920 ENTERPRISE PARKWAY
TWINSBURG, OHIO 44087

SERIAL NUMBER 7-990854 FILING DATE 12/11/92
PATENT NUMBER ISSUE DATE 00/00/00

H. Cortes
EXAMINER/PARALEGAL
ASSIGNMENT BRANCH
ASSIGNMENT/CERTIFICATION SERVICES DIVISION

1-31-92

RECORDATION FORM COVER SHEET
PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Paul V. DePue
Don G. DuPerault

2. Name and address of receiving party(ies):

Name: Universal Electronics Inc.

Internal Address: _____

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Street Address: 1920 Enterprise Parkway

City Twinsburg State Ohio ZIP 44087

Execution date: January 18, 1993

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

07/990,854

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Thomas R. Vigil

Internal Address: VIGIL & HANRATH

Street Address: 836 South Northwest Highway

City Barrington State IL ZIP 60610

6. Total number of applications and patents involved: ☒

7. Total fee (37 CFR 3.41): 40.00

- ☐ Enclosed
☒ Authorized to be charged to deposit account

8. Deposit account number: 22-0355

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Thomas R. Vigil

Name of Person Signing

Signature

Date

916619.5

(10) Total number of pages comprising cover sheet: ☒

OMB No. 0651-0011 (exp. 4/94)

Do not detach this portion

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks
 Box Assignments
 Washington, D.C. 20231

Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project, (0651-0011), Washington, D.C. 20503

REEL 6423 FRAME 204

Paul V. Darbee
Don G. DuPerault
Qiuju Luo
Kimthoa Nguyen

Serial No. 07/990,854
Filed: December 11, 1992

ASSIGNMENT

In consideration of ONE DOLLAR and other good and valuable consideration, the receipt and sufficiency whereof are hereby acknowledged, we hereby assign to Universal Electronics Inc.

(hereinafter referred to as "Assignee"), presently residing at (or) a corporation of the State of Delaware having its principal place of business at 1920 Enterprise Parkway, Twinsburg, OH 44087

, its successors, legal representatives and assigns, the entire right, title and interest in the United States in our invention or improvements in KEY MOVER

and in the application for Letters Patent of the United States therefor, executed by us on the 14th day of December, 19 92, and any and all other United States applications which we may file, either solely or jointly with another on said invention or improvement, and in any and all Letters Patent of the United States which may be obtained on any of the said applications, and in any reissue, re-examination or extension hereof.

We hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said Universal Electronics Inc.

We hereby authorize and request the attorneys of record in said application to insert in this Assignment the filing date and Serial Number of said application when officially known.

We warrant ourselves to be the owner s of the interest herein assigned, and to have the right to make this assignment; and we further warrant that there are no outstanding prior assignments, licenses or other rights in the interest herein assigned.

For said consideration, we hereby agree, upon request of said Assignee, its successors, legal representatives and assigns to execute any and all divisional or continuation applications for said invention or improvements thereto, and any necessary oath or declaration or supplemental oath or declaration or affidavit relating thereto, and any application for the reissue, renewal, extension or re-examination of any Letters Patent that may be granted upon said application, that said Assignee, its successors, legal representatives and assigns may deem necessary or expedient; and for said considerations we further agree upon the request of said Assignee, its successors, legal representatives and assigns, in the event of said application or any division thereof, or Letters Patent issued thereon, becoming involved in Interference, or in a request for re-examination, to cooperate to the best of our ability with said Assignee, its successors, legal representatives and assigns in the matter of assisting in the re-examination proceedings, and for said consideration, we further agree to perform, upon such requests, any and all affirmative acts to obtain said Letters Patent, and to vest all rights therein hereby conveyed in the said Assignee, its successors, legal representatives and assigns, whereby said Letters Patent will be held and enjoyed by said Assignee, its successors, legal representatives and assigns to the end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made, including the right to sue for past infringement, and for said consideration we hereby also assign to said Assignee, its successors, legal representatives and assigns the entire right, title and interest in said invention or improvements thereto for any and all foreign countries and our right to claim priority from U.S. Application Serial No. 07/913,523 filed July 14, 1992

, under the International Convention for the Protection of Industrial Property or other multinational convention for any patent, utility model or industrial design application filed in a country which is a member of any applicable international convention for the protection of industrial property and / or under any internal priority legislation of such country; and for said consideration, we hereby further agree upon the request of said Assignee, its successors, legal representatives and assigns to execute any and all documents that shall be required to be executed in connection with any and all applications for foreign Letters Patent, Petty Patent, Utility Model Registration or Industrial Design Registration including the prosecution thereof, and to execute any and all documents to vest title in said foreign applications, patents, utility model registrations or individual design registrations in said Assignee.

WITNESS, our hand and seal this 18th day of January, 19 93

STATE OF California

COUNTY OF Orange

RECORDED
PATENT AND TRADEMARK
OFFICE

FEB 16 1993

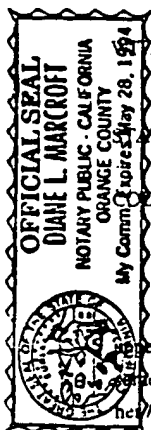
Paul V. Darbee

Don G. DuPerault

On this 18 day of January, 19 93, before me, a Notary Public, appeared Paul V. Darbee and Don G. DuPerault, to me known personally to be the

person(s) whose name(s) is / are subscribed to the foregoing instrument, and acknowledged that he / she / they executed said instrument as his / her / their free and voluntary act and for the uses and purposes therein expressed.

DIANE L. MARCROFT
NOTARY PUBLIC



REF 6423 FRANE 205